

12-23-91
12.3.8 v.6

Original.

METRO DISCHARGE AUTHORIZATION
FOR
SPECIAL/MINOR DISCHARGE
NUMBER 296

Discharge to Metro
with Truck Wash
Water Waste.

FOR

Ash Grove Cement West, Inc.
3801 E. Marginal Way S.
Seattle, WA 98134

See Permit
Upgrade in
Cooling Tower
File
DIP
12/23/91

CONTACT: Nathan Fernow

PHONE: 623-5596

TYPE: Manufacture of Hydraulic Portland Cement

SIC: 3241

EPA I.D.: WAD 009249616

DISCHARGE TO: COMBINED SEWER

*NOTE: This authorization is valid only for the
specific process and dates shown below:

DISCHARGE PROCESS: Overflow from Decant Basin

MAXIMUM VOLUME: 10000 (max) GPD

DOCUMENT EFFECTIVE DATE: 7/3/91

EXPIRATION DATE: 7/3/96

For information concerning this Metro Discharge Authorization
please contact Jim Sifford, Industrial Waste Investigator at
684-2335.

689-3008

24-HOUR
EMERGENCY NOTIFICATION

WEST POINT TREATMENT PLANT: 684-1800

DEPARTMENT OF ECOLOGY: 649-7000

(For Your Use)

LOCAL FIRE DEPARTMENT: _____

24-HR. CORPORATE CONTACTS: _____

USEPA SF



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GENERAL DISCHARGE LIMITATIONS

Corrosive Substances

Lower Limit

Minimum pH 5.0
Average pH 5.5

The lower pH limit is violated whenever any single sample or any instantaneous recording is less than pH 5.0 or when a composite sample consisting of at least four consecutive samples taken at intervals of 15 minutes or greater is less than 5.5 or when any recording of 15 minutes or more averages less than 5.5.

Upper Limit

Process rinsewater discharges pH 12.0

Discharges of more than 50 gallons per day of caustic solutions equivalent to more than 5% NaOH by weight or greater than pH 12.0 are prohibited unless authorized by permit and subject to special conditions to protect worker safety, the collection system, and treatment works.

High Temperature

The industrial user shall not discharge material with a temperature in excess of 65 C (150 F).

Fats, Oils and Greases

The industrial user shall not discharge wastes that contain in excess of 100 milligrams per liter (mg/l) of polar fats, oils and greases (FOG) or 100 mg/l of non-polar FOG.

Flammable or Explosive Materials

No person shall discharge any pollutant, as defined in 40 CFR 401.11, that creates a fire or explosion hazard in any sewer or treatment works, including, but not limited to, wastestreams with a closed cup flashpoint of less than 140 degrees Fahrenheit or 60 degrees Centigrade using the test methods specified in 40 CFR 261.21.

At no time shall two successive readings on an explosion hazard meter, at the point of discharge into the system (or at any point in the system), be more than five percent (5%) nor any single reading be more than ten percent (10%) of the Lower Explosive Limit (LEL) of the meter.

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Pollutants subject to this prohibition include, but are not limited to, gasoline, kerosene, naphta, benzene, toluene, xylene, ethers, alcohols, ketones, aldehydes, peroxides, chlorates, perchlorates, bromates, carbides, hydrides, and sulfides, and any other substances that Metro, a fire department, the State, or EPA have notified the user are a fire hazard or a hazard to the system.

Settleable Solids

Settleable solids 7.0 ml/L

Organic Compounds

No person shall discharge any organic pollutants that result in the presence of toxic gases, vapors, or fumes within a public or private sewer or treatment works in a quantity that may cause acute worker health and safety problems.

Organic pollutants subject to this restriction include, but are not limited to:

Any organic compound listed in 40 CFR Section 433.11 (e) (Total Toxic Organics (TTO) definition).

Acetone, 2-butanone (MEK), 4-methyl-2-pentanone (MIBK), xylenes.

Hydrogen Sulfide

Atmospheric hydrogen sulfide 10.0 ppm
(As measured at a monitoring manhole designated by Metro)

Soluble sulfide limits may be established on a case-by-case basis depending upon volume of discharge and conditions in the receiving sewer, including oxygen content and existing sulfide concentrations.

Restricted Substances

The Industrial User shall not discharge wastes which exceed the following limitations:

Instantaneous Maximum (mg/L)			
Arsenic	4.0	Mercury	0.2
Cadmium	0.6	Nickel	5.0
Chromium	5.0	Silver	3.0
Copper	8.0	Zinc	10.0
Lead	4.0	Cyanide	3.0

Daily Average (mg/L)			
Arsenic	1.0	Mercury	0.1
Cadmium	0.5	Nickel	2.5
Chromium	2.75	Silver	1.0
Copper	3.0	Zinc	5.0
Lead	2.0	Cyanide	2.0

1. The instantaneous maximum is violated whenever the concentration of any sample, including a grab within a series used to calculate daily average concentrations, exceeds the limitation.

GENERAL CONDITIONS

1. All requirements and ordinances of Metro Resolution No. 3374 pertaining to the discharge of wastes into the municipal sewer system are hereby made a condition of this Discharge Authorization.
2. Any facility changes which will result in a change in the character or volume of the pollutants discharged to the municipal sewer system must be reported to your Metro representative. Any facility changes that will cause the violation of the effluent limitations specified herein will not be allowed.
3. In the event the industrial user is unable to comply with any of the conditions of this Discharge Authorization because of a breakdown of equipment or facilities, an accident caused by human error, negligence, or any other cause, such as an act of nature, the company shall:
 - (a) take immediate action to stop, contain and clean up the unauthorized discharges and correct the problem.
 - (b) immediately notify the Municipality of Metropolitan Seattle so steps can be taken to prevent damage to the sewerage system.
 - (c) submit a written report describing the breakdown, the actual quantity and quality of resulting waste discharged, corrective action taken, and the steps taken to prevent a recurrence.

Compliance with these requirements does not relieve the industrial user from responsibility to maintain continuous compliance with the conditions of the Discharge Authorization or the resulting liability for failure to comply.

4. The industrial user shall, at all reasonable times, allow authorized representatives of the Municipality of Metropolitan Seattle to enter that portion of the premises where an effluent source or disposal system is located or in which any records are required to be kept under the terms and conditions of this Discharge Authorization.
5. Nothing in the Discharge Authorization shall be construed as excusing the industrial user from compliance with any applicable federal, state, or local statutes, ordinances, or regulations.

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6. This Discharge Authorization does not constitute authority for discharge into waters of the state. Any such discharge is subject to regulation and enforcement action by the Department of Ecology.
7. All requirements and ordinances of the Environmental Protection Agency and Department of Ecology pertaining to hazardous and toxic wastes, disposal facilities, and discharge of wastes into the municipal sewer system, are hereby made a condition of this Discharge Authorization.

THE SPECIAL CONDITIONS FOR THIS DISCHARGE AUTHORIZATION ARE ON THE FOLLOWING PAGE. FOR THIS DISCHARGE AUTHORIZATION TO BE VALID, THESE SPECIAL CONDITIONS MUST BE MET.

Investigator:

Date:

Jim Supers
July 1, 1991